

Amendments to the CLAIMS

Upon entry of this Amendment, the claims shall read as follows:

1. (Currently Amended) A vehicle including at least first and second wheels, at least one weight associated with one of said wheels, and a rotation device operable to rotate the weight in an opposite direction to the direction of rotation of said wheel, wherein the weight is, or is part of, a braking system of the vehicle, and wherein the weight acts to improve the vehicle performance.
2. (Previously presented) A vehicle according to claim 1, wherein the weight is in the form of a flywheel.
3. (Canceled)
4. (Currently Amended) ~~A vehicle according to claim 3,~~ A vehicle including at least first and second wheels, at least one weight associated with one of said wheels, and a rotation device operable to rotate the weight in an opposite direction to the direction of rotation of said wheel, wherein the weight is, or is part of, a braking system of the vehicle, and wherein the weight comprises a brake disc arranged to rotate in the opposite direction to the direction of rotation of the wheel with which it is associated.
5. (Currently Amended) A vehicle according to claim 1, further including a planetary gear mechanism coupled to the weight for rotating the weight on the basis of rotation of the vehicle wheel.

6. (Currently Amended) A vehicle according to claim 1, wherein the weight is designed to provide a gyroscopic effect which reduces ~~the a~~ gyroscopic effect produced by the associated wheel or wheels of the vehicle.
7. (Currently Amended) A vehicle according to claim 1, wherein the weight is coupled to said wheel or wheels to impart ~~designed to provide~~ a gyroscopic effect which substantially cancels out ~~the a~~ gyroscopic effect produced by the said wheel or wheels of the vehicle.
8. (Previously presented) A vehicle according to claim 1, wherein the vehicle is a motorcycle.
9. (Currently Amended) A vehicle brake assembly including a brake disc and a gear mechanism coupled to the brake disc, the gear mechanism being operable to cause rotation of the brake disc in a direction opposite to the direction of rotation of the [a] wheel with which it is associated.
10. (Original) A vehicle brake assembly according to claim 9, wherein the gear mechanism is a planetary gear mechanism.
11. (New) A vehicle wherein the brake assembly according to claim 10, wherein the vehicle brake assembly includes a wheel spindle, wherein the planetary gear mechanism includes a planet gear carrier and wherein the planet gear carrier, is unable to rotate about a wheel spindle of the vehicle brake assembly.
12. (New) A vehicle brake assembly according to claim 11, wherein the wheel spindle does not rotate and wherein the planet gear carrier is fixed to the wheel spindle.

13. (New) A vehicle brake assembly according to claim 9, wherein the gear mechanism is a beveled gear mechanism.
14. (New) A vehicle brake assembly according to claim 9, wherein the vehicle brake assembly further comprises an upside down telescopic fork suspension integrated therewith.
15. (New) A vehicle brake assembly according to claim 9, further comprising a gear box for each vehicle brake assembly.
16. (New) A vehicle comprising a vehicle brake assembly according to claim 9.